

000007" 48203960

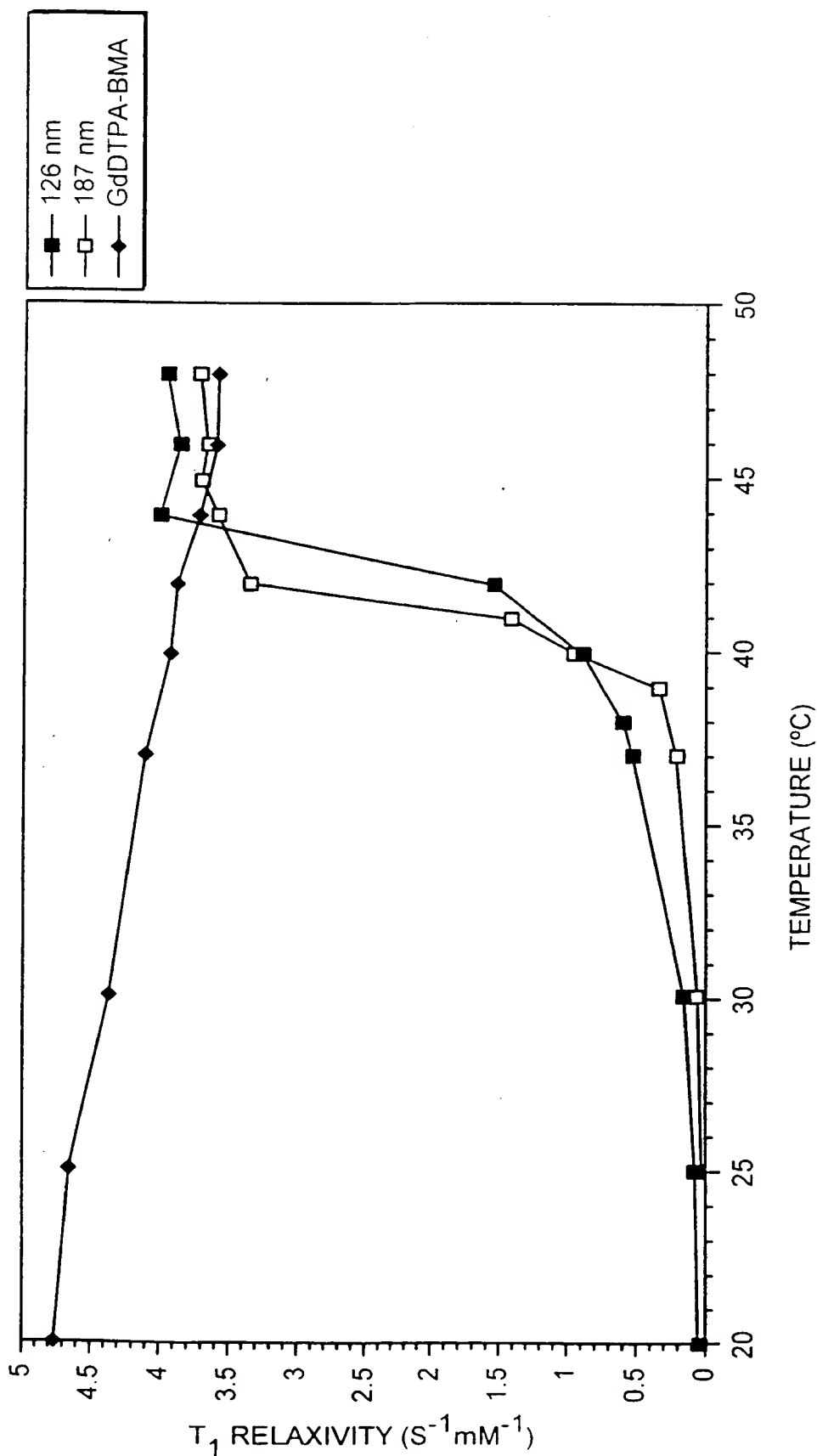


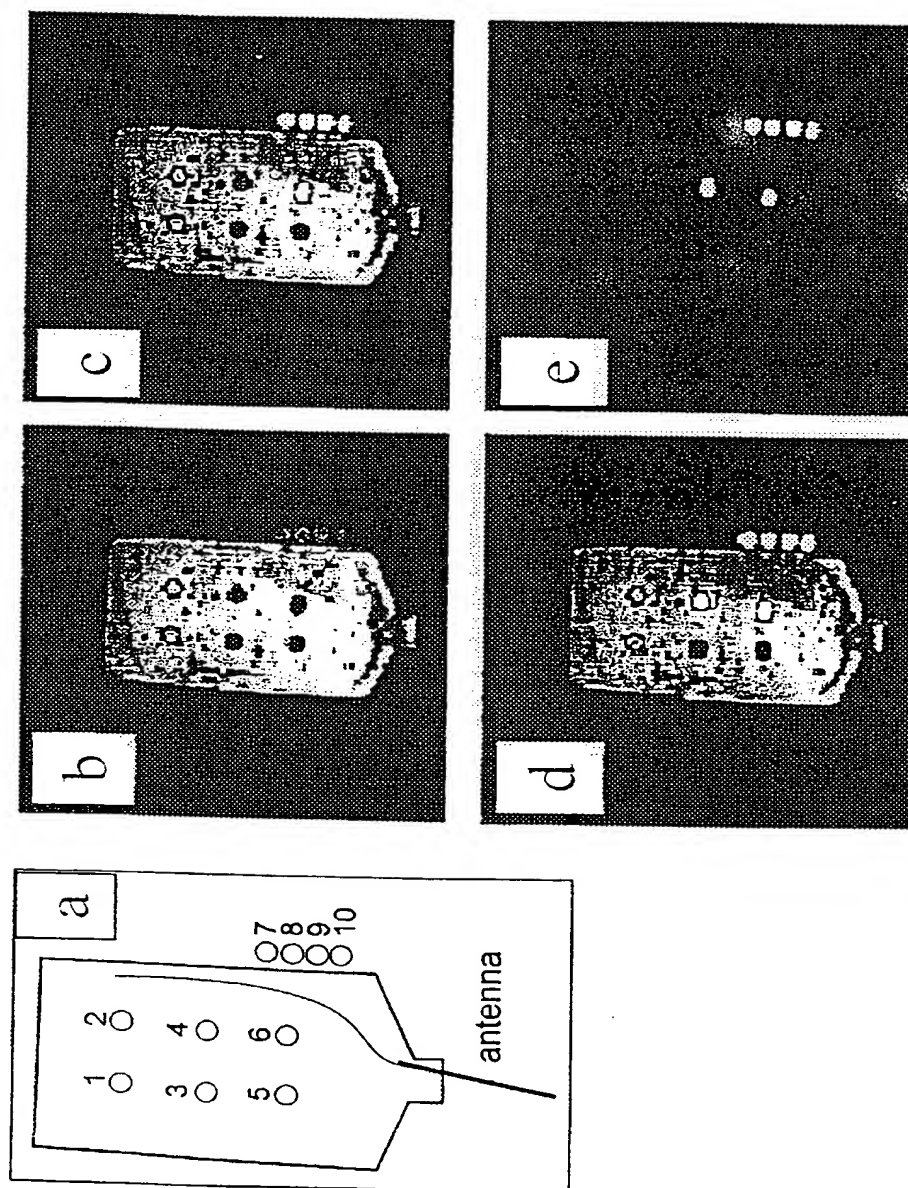
FIG. 1

TEMPERATURE RESPONSE OF IN VITRO  $r_1$  FOR GdDTPA-BMA  
ENCAPSULATED IN DPPC/DPPG LIPOSOMES (0.47T)



FIG. 2

TEMPERATURE RESPONSE OF MR SIGNAL INTENSITY FOR GdDTPA-BMA  
ENCAPSULATED WITHIN DPPC/DPPG LIPOSOMES (2.0 T).



**Figure 3.** Gel phantom (a) containing inserts of DPPC/DPPG-based GdDTPA-BMA liposomes (labelled 3-10) and control glucose 5% solution (labelled 1-2);  $T_1$ -w GRE images (2.0 T) of phantom prior to (b), after (c) 47 and (d) 63 minutes of radiofrequency heating, inhomogeneous signal intensity in gel is due to air bubbles; (e) difference image after subtraction of (b) from (d). Note that the signal intensity from inserts 3 and 5 is almost unchanged after heating as the temperature never exceeded  $T_c$ .

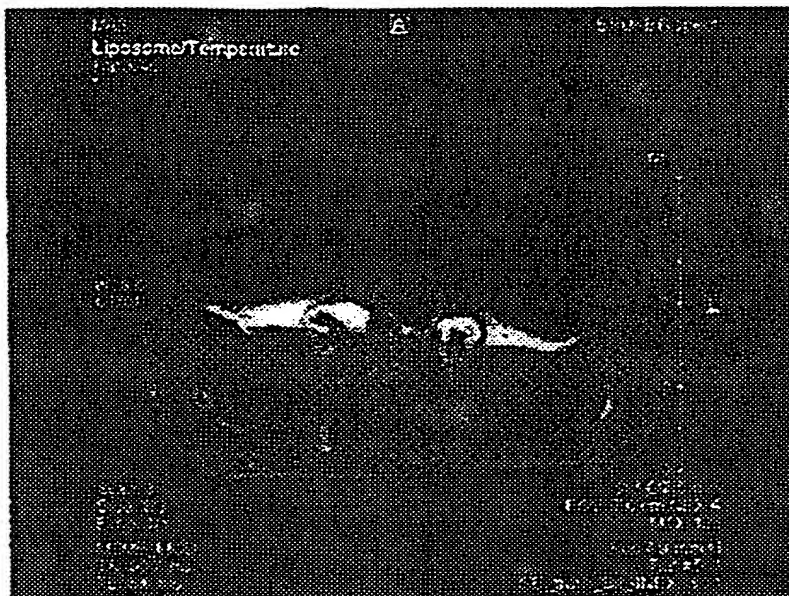


FIG.4

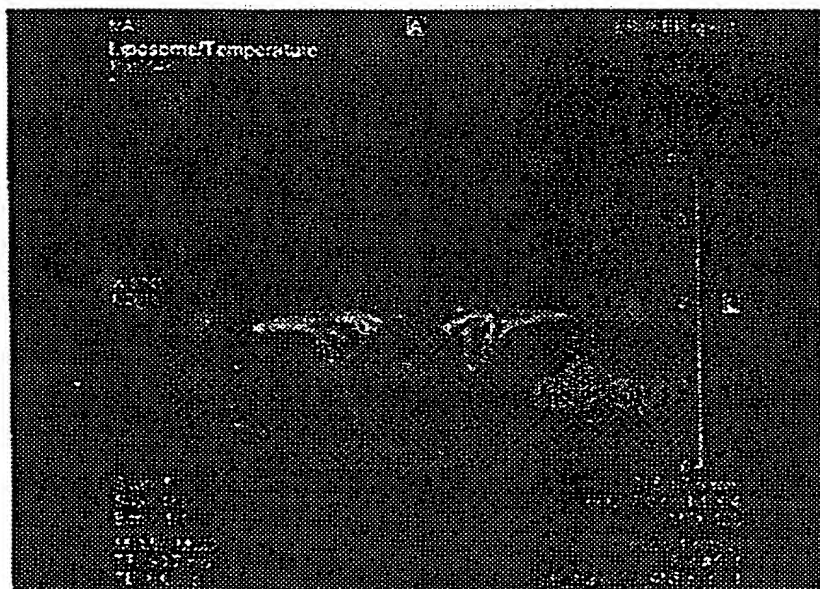


FIG.5

009007-19209950

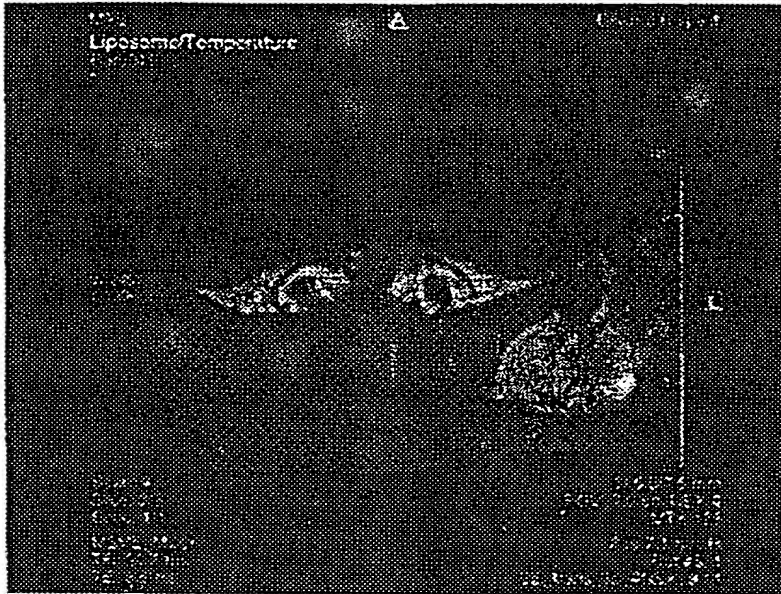


FIG.6

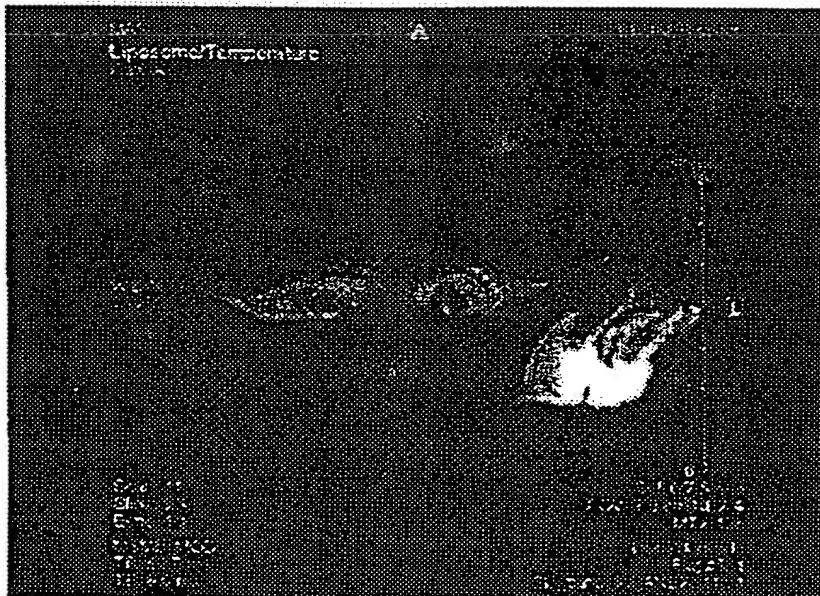


FIG.7

00000T 40209960

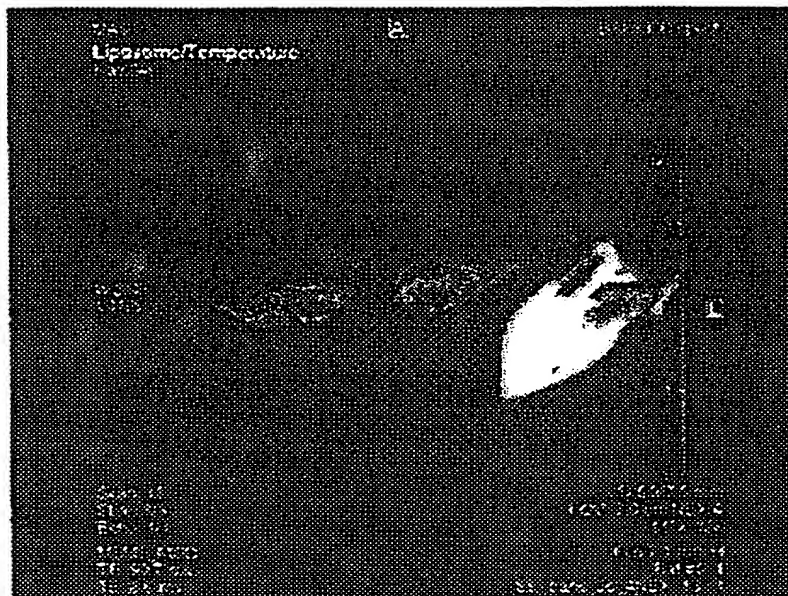


FIG.8

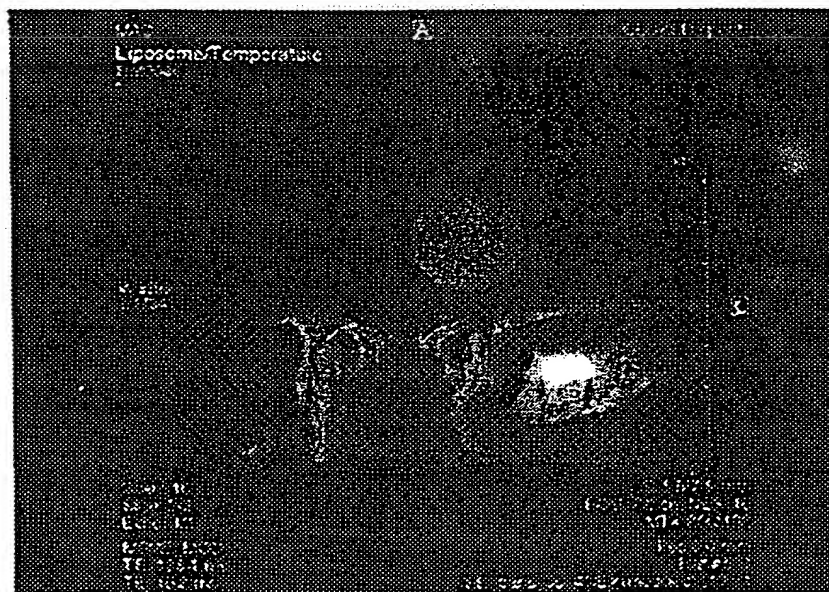


FIG.9

000001-400000

7 / 13





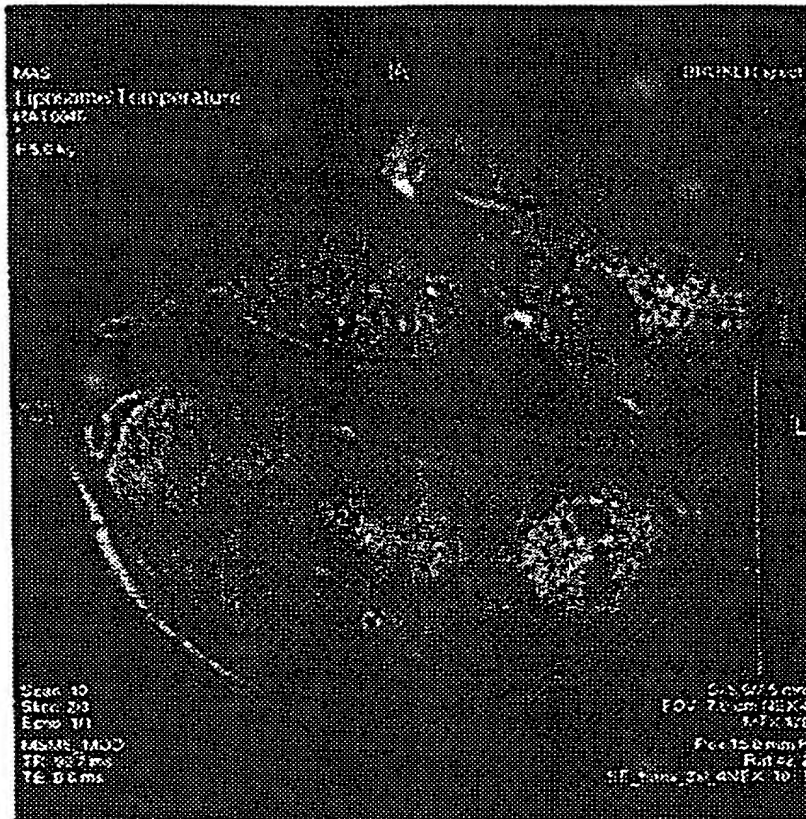


FIG.12

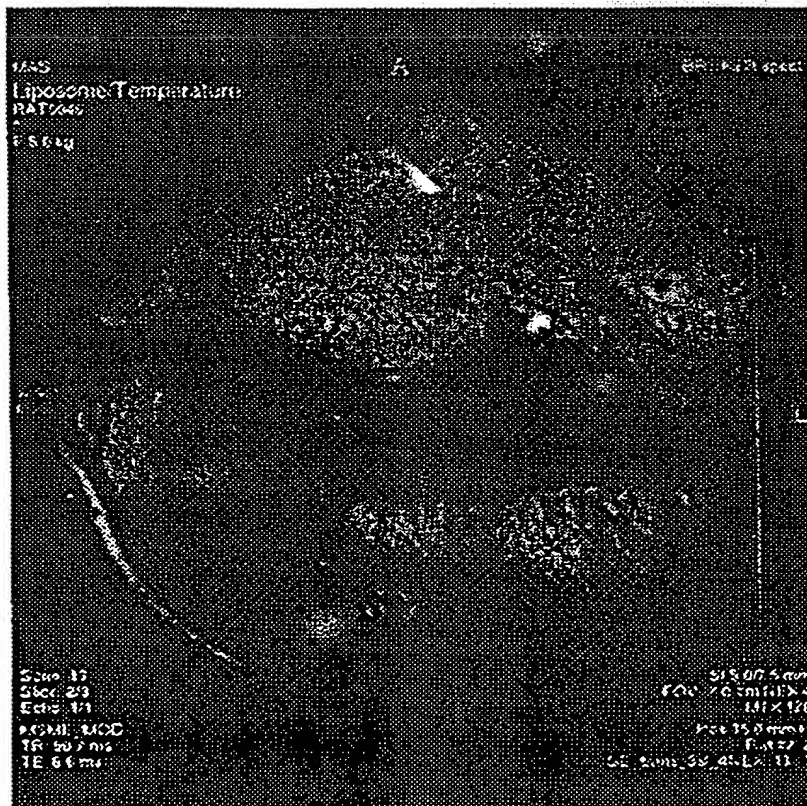


FIG.13

09680284-100600



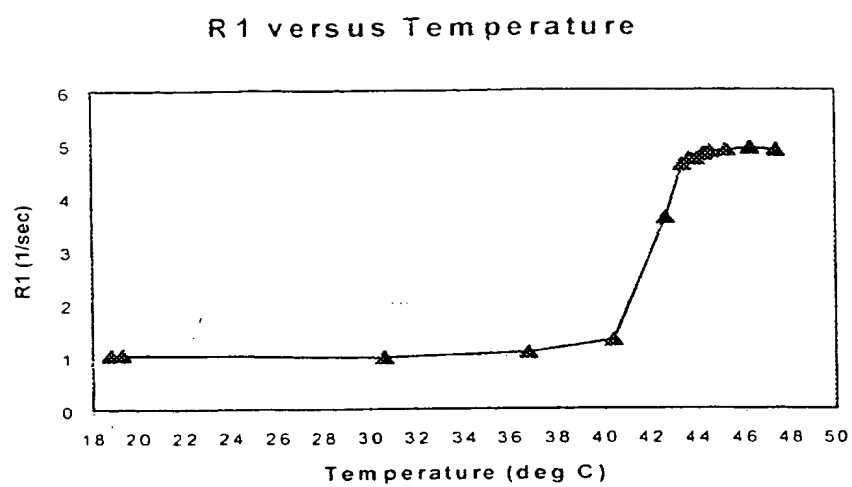


Figure 14

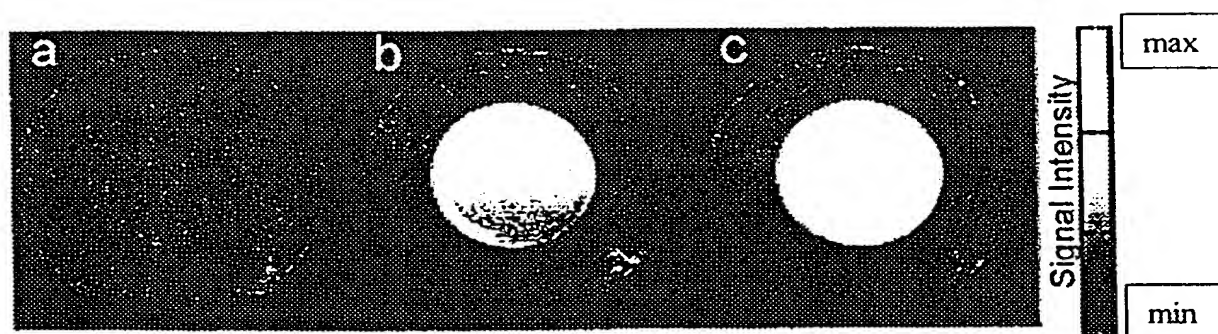


Figure 15

009007" 43208360

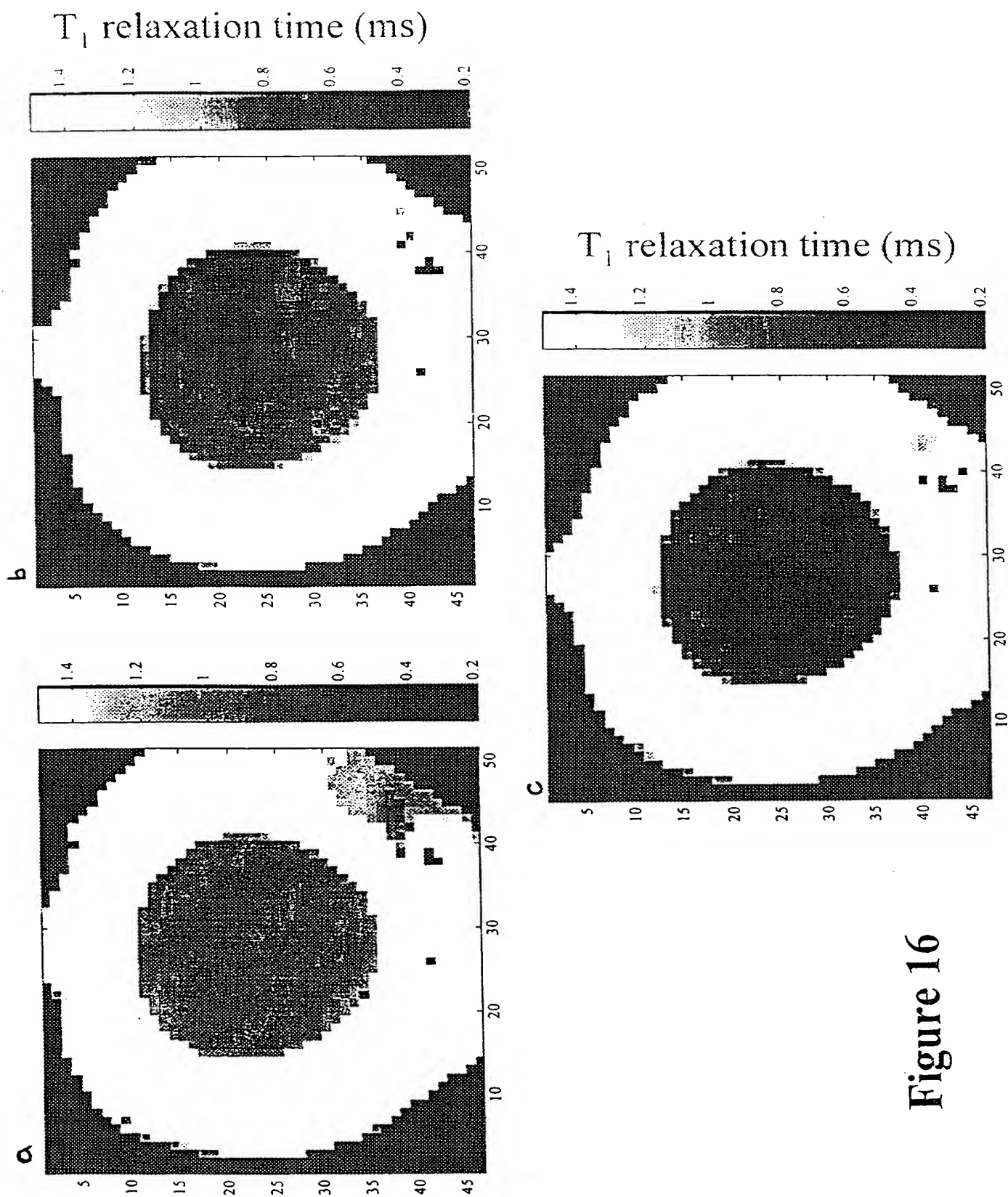


Figure 16

000000T 402000000

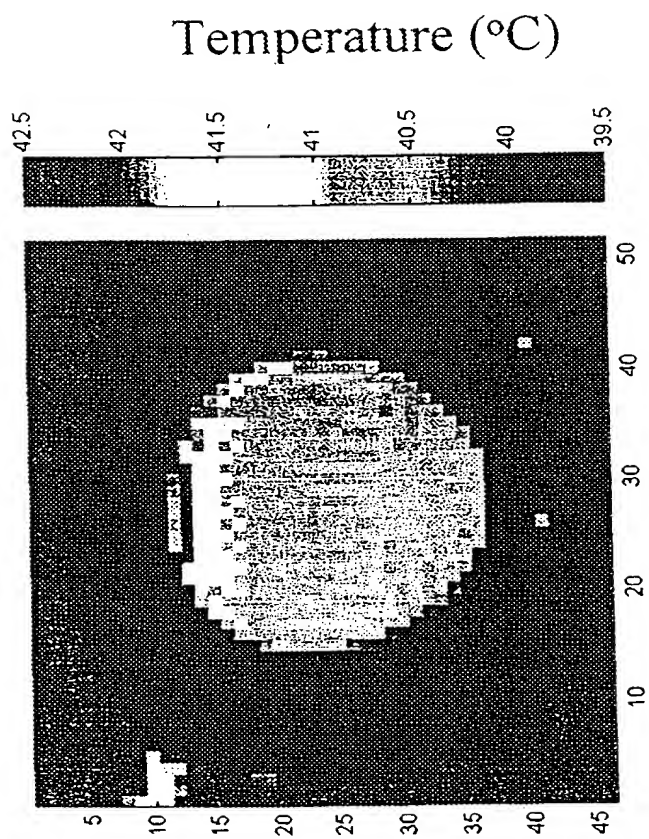


Figure 17

12/13

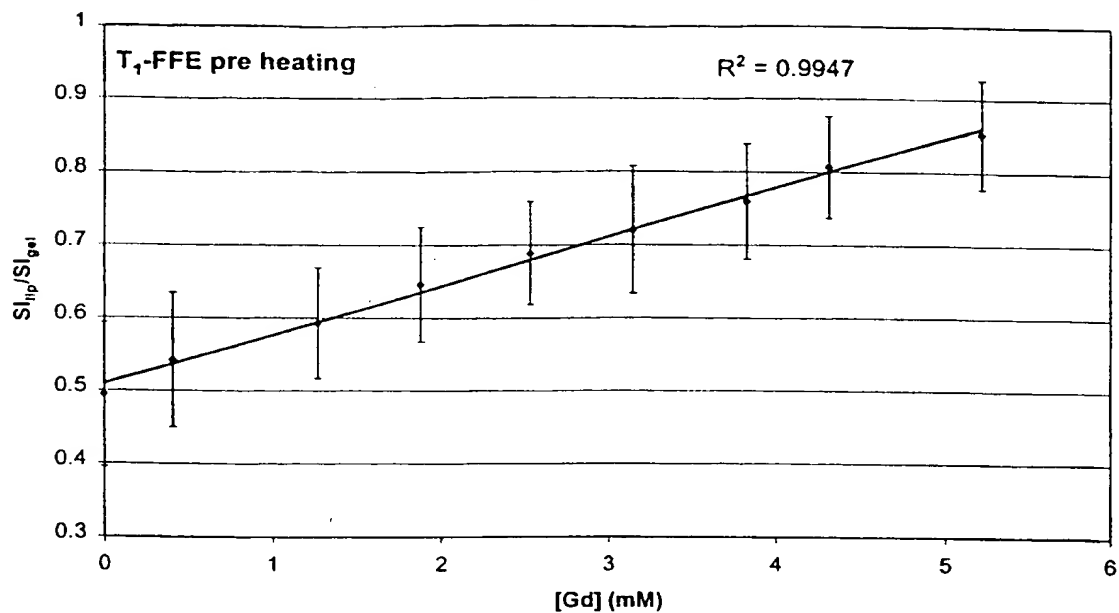


Figure 18

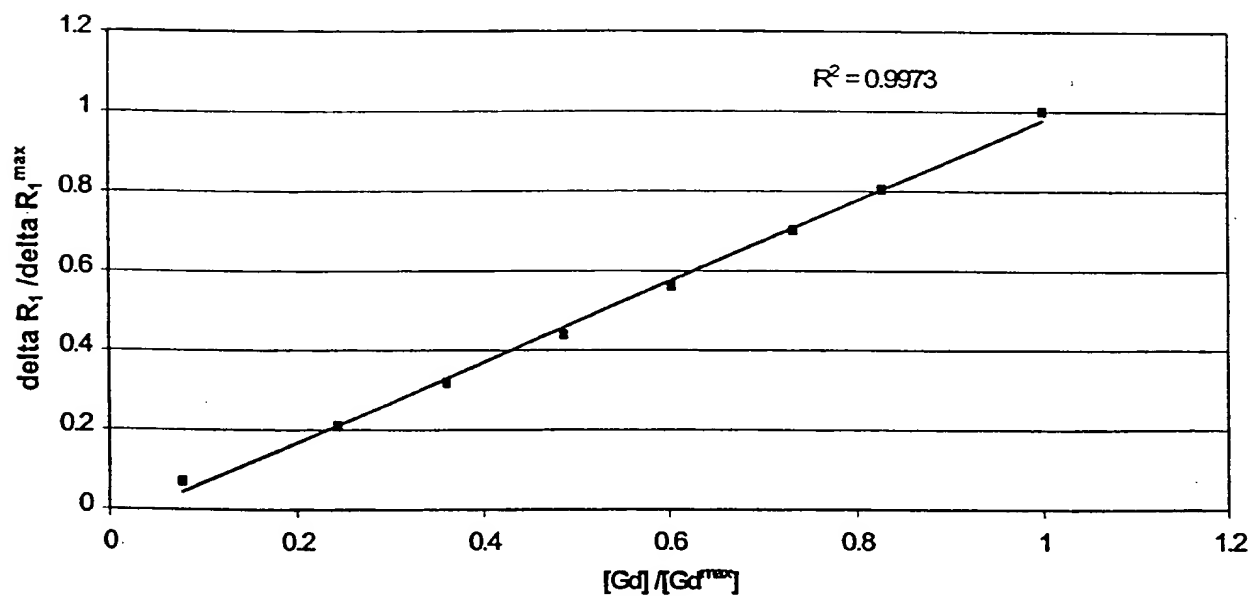


Figure 19

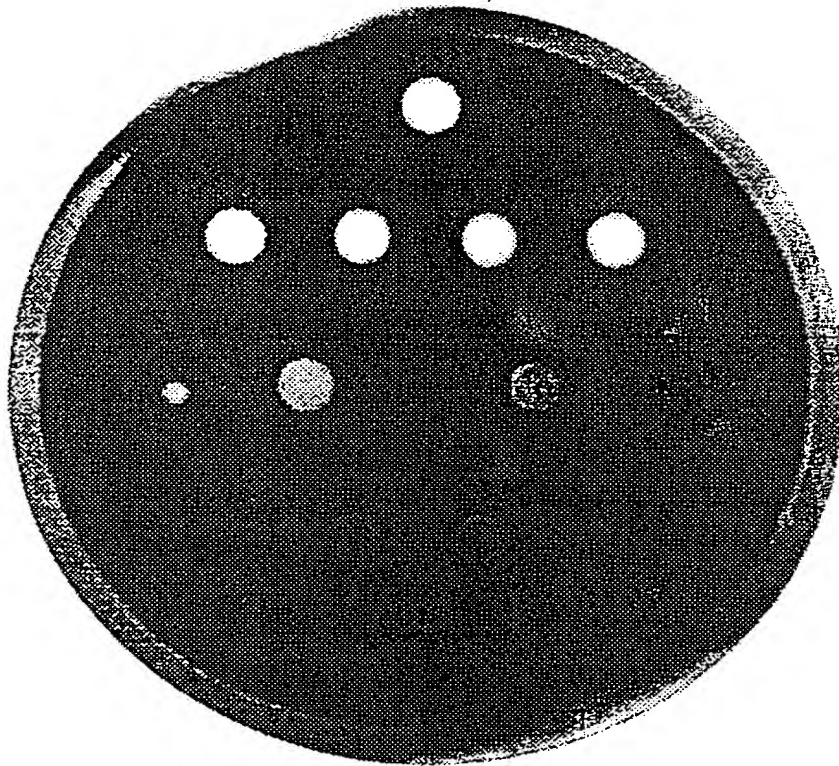


Figure 20

09680284-100600